

1 ABSTRACT OF THE DISCLOSURE
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3 A partially collapsible structure made from foldable sheet material includes a
4 series of longitudinal folds and transverse folds defining alternate longitudinal rigid
5 strips and longitudinal collapsible strips. Each longitudinal rigid strip includes a series
6 of generally rectangular portions joined in the longitudinal direction and substantially
7 equidistant in the transverse direction. In an alternate form, each longitudinal strip is a
8 series of generally quadrilateral portions joined in the longitudinal direction and
9 substantially equidistant in the transverse direction. Each longitudinal collapsible strip
10 includes a generally quadrilateral-shaped portion such that all quadrilateral shaped
11 portions within each longitudinal collapsible strip are not comprised of a series of folds
12 defining 3 right isosceles triangular shaped areas. The structure may be laminated on
13 either or both sides for additional strength. Further, the collapsible strips may be fixed
14 in the collapsed form by gluing or other adhering process.

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